

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the present Application are shown below in numerical order whether or not an amendment has been made.

1. **(Currently Amended)** A method for providing an extensible macro language comprising:

determining, based on a ~~predetermined syntax of a~~ **predefined** macro language, one or more keywords in a macro language expression, each keyword being associated with an extended macro command **that is not included in the predefined macro language;**

retrieving, from a registry of keywords and associated executable codes, an executable code associated with each keyword in the macro language expression; and

executing each ~~retrieved~~ executable code **retrieved from the registry** to run the extended macro command associated with each of the one or more keywords in the macro language expression without recompiling the macro language, **the executable code not included in the predefined macro language and resulting in the performance of a procedure not performed by execution of the predefined macro language alone.**

2. **(Previously Presented)** The method of Claim 1, further comprising:

extending the registry of keywords and associated executable codes by inserting a new keyword representing a new extended macro command and a new executable code associated with the new keyword.

3. **(Currently Amended)** A system for providing an extensible macro language, comprising:

a parser operable to determine, based on a ~~predetermined syntax of predefined~~ macro language, one or more keywords embedded within a macro language expression, each keyword being associated with an extended macro command that is not included in the predefined macro language;

a registry of keywords and associated executable codes, including one or more keywords and one or more executable codes, each keyword being associated with a respective one of the executable codes; and

a macro handler operable to receive the one or more keywords from the parser, retrieve, from the registry of keywords and associated executable codes, the executable code associated with each keyword embedded within the macro language expression, and execute the retrieved executable codes to run the extended macro command associated with each of the one or more keywords without recompiling the macro language, the executable code not included in the predefined macro language and resulting in the performance of a procedure not performed by execution of the predefined macro language alone.

4. **(Previously Presented)** The system of Claim 3, wherein the registry of keywords and associated executable codes is operable to be extended to include one or more new keywords and one or more new executable codes, each new keyword being associated with a respective one of the new executable codes.

5. **(Canceled)**

6. **(Previously Presented)** The method of Claim 1, wherein the executable code includes machine operable instructions.

7. **(Canceled)**

8. **(Canceled)**

9. **(Currently Amended)** A computer-readable medium encoded with logic operable, when executed on a computer processor, to perform the steps, comprising:

determining, based on a ~~predetermined syntax of a predefined~~ macro language, one or more keywords in a macro language expression, each keyword being associated with an extended macro command **that is not included in the predefined macro language;**

retrieving, from a registry of keywords and associated executable codes, an executable code associated with each keyword in the macro language expression; and

executing each ~~retrieved~~ executable code **retrieved from the registry** to run the extended macro command associated with each keyword in the macro language expression without recompiling the macro language, **the executable code not included in the predefined macro language and resulting in the performance of a procedure not performed by execution of the predefined macro language alone.**

10. **(New)** The method of Claim 1, wherein identifying the one or more keywords in the macro language expression comprises recognizing one or more tokens in the macro language expression, and the method further comprises determining based on the predefined macro language that each token indicates the presence of a new macro command.

11. **(New)** The method of Claim 1, further comprising breaking the macro language expression down into a plurality of elements, at least one of the plurality of elements comprising a pointer to the extended macro command.

12. **(New)** The method of Claim 1, wherein the registry of keywords comprises a table of keywords and associated macro commands.

13. **(New)** The method of Claim 1, wherein the registry of keywords comprises a database of keywords and associated macro commands.

14. **(New)** The system of Claim 3, wherein when identifying the one or more keywords in the macro language expression the parser is operable to:

recognize one or more tokens in the macro language expression; and
determine based on the predefined macro language that each token indicates the presence of a new macro command.

15. **(New)** The system of Claim 3, wherein the parser is further operable to break the macro language expression down into a plurality of elements, at least one of the plurality of elements comprising a pointer to the extended macro command.

16. **(New)** The system of Claim 3, wherein the registry of keywords comprises a table of keywords and associated macro commands.

17. **(New)** The system of Claim 3, wherein the registry of keywords comprises a database of keywords and associated macro commands.

18. **(New)** The computer-readable medium of Claim 9, further operable to identify the one or more keywords in the macro language expression by:

recognizing one or more tokens in the macro language expression; and
determining based on the predefined macro language that each token indicates the presence of a new macro command.

19. **(New)** The computer-readable medium of Claim 9, further operable to perform the step of breaking the macro language expression down into a plurality of elements, at least one of the plurality of elements comprising a pointer to the extended macro command.

20. **(New)** The computer-readable medium of Claim 9, wherein the registry of keywords comprises a table of keywords and associated macro commands.

21. **(New)** The computer-readable medium of Claim 9, wherein the registry of keywords comprises a database of keywords and associated macro commands.